

Acute Liver Failure Meeting

December 4-5, 2006
Hyatt Regency Bethesda
Bethesda, MD

Draft Agenda

Monday, December 4, 2006

7:30 a.m. **Registration and Light Refreshments**
8:00 a.m. **Welcome and Aims**
 Jay Hoofnagle

Session 1: *Epidemiology and Etiology of ALF*
Moderators: Jay Hoofnagle and William Bernal

8:10 a.m. **Acute Liver Failure (ALF): Overview of the Problem**
 William M. Lee
8:30 a.m. **Evaluation and Management**
 Timothy Davern
8:50 a.m. **Clinical Course and Consequences**
 Robert Fontana
9:10 a.m. **ALF in Children**
 Robert Squires
9:30 a.m. Discussion (30 minutes)
10:00 a.m. **Break**

Session 2: *Liver Transplantation*
Moderators: Robert Squires and Tim Davern

10:30 a.m. **Issues in Liver Transplantation (LT) for ALF**
 Lorenzo Rossaro
10:50 a.m. **Current Outcomes of LT for ALF**
 Robert Merion
11:10 a.m. **Living vs. Deceased Donor LT for ALF**
 James Trotter
11:30 a.m. **LT for ALF in Children**
 John Bucavalas
11:50 a.m. Discussion (30 minutes)
12:20 p.m. **Lunch** (on your own)

Session 3: Acetaminophen

Moderators: Will Lee and Andres Blei

- 1:20 p.m. **Acetaminophen Liver Injury**
 Laura James
- 1:40 p.m. **Intention vs. Unintentional Overdose**
 Julie Polson
- 2:00 p.m. **Management of Acetaminophen Hepatotoxicity**
 Anne Larson
- 2:20 p.m. **Acetaminophen: UK Experience**
 William Bernal
- 2:40 p.m. Discussion (30 minutes)
- 3:10 p.m. **Break**

Session 4: Medical Therapy of ALF

Moderators: Ed Doo and Anne Larson

- 3:40 p.m. **Autoimmunity and ALF**
 R. Todd Stravitz
- 4:00 p.m. **Viral Causes of ALF**
 Anna Lok
- 4:20 p.m. **Drugs and ALF**
 Adrian Reuben
- 4:40 p.m. **Metabolic Causes of ALF**
 Ronald J. Sokol
- 5:00 p.m. Discussion (30 minutes)
- 6:00 p.m. **Adjourn**

Tuesday, December 5, 2006

- 8:00 a.m. **Welcome and Comments**
 Organizers

Session 5: Non-Specific Therapies for ALF

Moderators: Robert Fontana and Anna Lok

- 8:10 a.m. **Hypothermia for ALF**
 Andres Blei
- 8:30 a.m. **N-Acetyl Cysteinamine for ALF**
 William M. Lee
- 8:50 a.m. **Plasmapheresis for ALF**
 Lars Schmidt
- 9:10 a.m. **Issues in Hepatic Assist Devices (HAD)**
 Jack Patzer
- 9:30 a.m. Discussion (30 minutes)
- 10:00 a.m. **Break**

Session 6: Cell Free Devices

Moderators: Scott Nyberg and Jörg Gerlach

- 10:30 a.m. **MARS and Albumin Dialysis**
Tarek Hassanein
- 10:50 a.m. **Plasma Filtration Therapy of ALF**
Jacek Rozga
- 11:10 a.m. **The Prometheus Filtration System: Experience from Past and Ongoing Trials**
Michael Manns
- 11:30 a.m. Discussion (30 minutes)
- 12:00 p.m. **Lunch** (on your own)

Session 7: Cell-Based Devices

Moderators: Jack Patzer and Will Lee

- 1:00 p.m. **Bioartificial Livers for ALF**
Scott Nyberg
- 1:20 p.m. **Three-Dimensional Perfusion Bioreactors for Human Progenitor Expansion and Provision of Cells for Liver Cell Transplantation**
Jörg C. Gerlach
- 1:40 p.m. **Potential of Stem Cells for Bioartificial Liver (BAL)**
Lola Reid
- 2:00p.m. **Hepatocyte Transplantation for ALF**
Humberto Soriano
- 2:20 p.m. Discussion (30 minutes)
- 2:50 p.m. **Break**

Session 8: Tissue Engineering and the Liver

Moderators: Christine Kelley and Lola Reid

- 3:20 p.m. **Three-Dimensional Liver Models**
Linda Griffith
- 3:40 p.m. **Biomaterial for Liver Tissue Engineering**
Glenn Prestwich
- 4:00 p.m. **Liver Organ Engineering**
Geoffrey Gurtner
- 4:20 p.m. Discussion (30 minutes)
- 4:50 p.m. **Adjourn**